

# Document made available under the Patent Cooperation Treaty (PCT)

International application number: PCT/AU03/001168

International filing date: 08 September 2003 (08.09.2003)

Document type: Certified copy of priority document

Document details: Country/Office: AU  
Number: 2002951290  
Filing date: 09 September 2002 (09.09.2002)

Date of receipt at the International Bureau: 15 November 2005 (15.11.2005)

Remark: Priority document submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b)



World Intellectual Property Organization (WIPO) - Geneva, Switzerland  
Organisation Mondiale de la Propriété Intellectuelle (OMPI) - Genève, Suisse

11-28-05

PCT/AU2003/001168



Australian Government

Patent Office  
Canberra

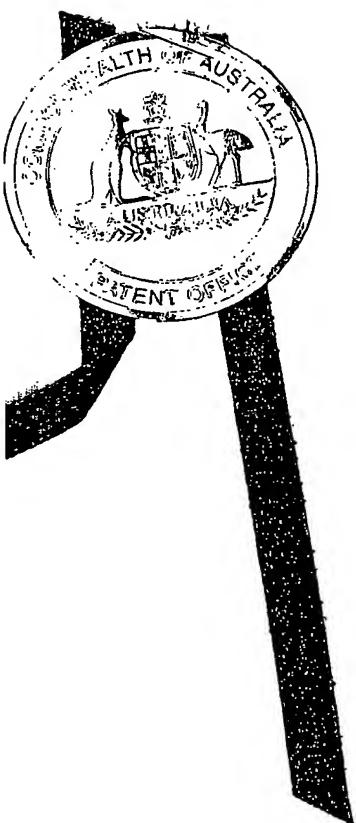
BEST AVAILABLE COPY

I, JANENE PEISKER, MANAGER EXAMINATION SUPPORT AND SALES  
hereby certify that annexed is a true copy of the Provisional specification in  
connection with Application No. 2002951290 for a patent by PETER DYER as  
filed on 09 September 2002.

WITNESS my hand this  
Ninth day of November 2005

A handwritten signature in black ink, appearing to read "JANENE PEISKER".

JANENE PEISKER  
MANAGER EXAMINATION SUPPORT  
AND SALES



9. SEP. 2002 12:23

WRAY AND ASSOCIATES

NO. 908 P. 4

P/00/009 28/5/91  
Regulation 3.2

**ORIGINAL**  
**AUSTRALIA**

*Patents Act 1990*

**PROVISIONAL SPECIFICATION**

**Invention Title: Memory Aid**

**The invention is described in the following statement:**

-2-

**"Memory Aid"**

**Field of the Invention**

This invention relates to a memory aid.

**Background**

5 It is often the case that due to temporary memory lapses a person is unable to remember a particular piece of information, such as the name of a person, town or location, the name of a product or the like item of information. In such instances it has been found that if a clue can be given, which provides an indication of the letters of that name that the remainder of the name will quickly  
10 follow.

**Disclosure of the Invention**

Accordingly the invention resides in a memory aid comprising a set of display elements each having a display face, the display elements associated with a display zone whereby each display element is independently moveable relative  
15 to the display zone to cause the display face to be moved past the display zone, each display zone bearing the letters of an alphabet and wherein each letter of a display zone can be independently and selectively viewed at the display zone.

According to the preferred feature of the invention each of the display elements comprise a disc. According to a preferred feature of the previous feature the  
20 display face comprises the axial face of the disc. According to an alternative preferred feature the display face comprises the radial face of the disc. According to a preferred feature the discs are concentrically supported.

According to one embodiment where the disc are concentrically supported and the display face comprises the axial face, the discs are of differing diameters and  
25 the display face is defined by an annular zone around the outer perimeter of the disc.

- 3 -

According to a preferred feature of the invention the display elements each comprise a disc with the display face comprising the axial face, said discs being mounted in side by side relationship and the display zone overlapping the rotation path of the adjacent discs.

5 According to the preferred feature of the invention the display elements comprise elongate elements which are in side by side relationship, the display element being slidable with respect to each other, with a display face comprising the adjacent portions of the display elements.

10 The invention will be more fully understood in the light of the following description of several specific embodiments.

#### **Brief Description of the Drawings**

The description is made with reference to the accompanying drawing of which:

Figure 1 is an exploded view of a memory aid according to the first embodiment;

15 Figure 2 is a plan view of the display aid according to the first embodiment at which the outermost display element is utilised;

Figure 3 is a plan view of the first embodiment in which the intermediate display element is utilised; and

Figure 4 is a plan view of a memory aid according to the first embodiment in which the innermost display element is utilised.

20 **Detailed Description of Specific Embodiments**

The first embodiment as shown in the drawings relates to a memory aid which can be utilised in order to attempt to recollect a name which can be the name of a person, a place, a product or the like.

- 4 -

The memory aid comprises a support which is formed from a laminar or sheet element which is relatively rigid and which is folded along a central line to provide a front panel 13 and a rear panel 15. The panels are each provided with an aperture 17 and the apertures of each panel are aligned and located towards an 5 outer edge of the support. A display zone 19 which comprises a rectangular aperture formed in the front panel 13.

The front and rear panels 13 and 15 rotatably receives a set of three discs 21, 23 and 25 which are supported at their centres 22, 24 and 26 from a pivot pin 27a which receivable in the apertures 17, 22, 24 and 26 to enable the discs to be 10 concentrically and rotatably supported between the panels 13 and 15. the pivot pin 27a is associated with a retention washer 27b which will engage the pin at the underside of the support. The discs 21, 23 and 25 are of differing diameters such that when they are stacked one upon the other as illustrated at Figures 2, 3 and 4 at least the outer annular perimeter of each disc can be observed. The 15 outer annular portions 29, 31 and 33 which are exposed when the discs are stacked one upon the other comprise the display faces of each of the discs. The display zone 19 in the upper panel 13 of the support is located relative to the pivot apertures 17 such that a portion of the display face of each disc is observable through the display zone 19.

20 Each of the display faces are divided into segments which bear a letter of the alphabet. In the case of the display face 29 of the larger disc 21 the letters of the alphabet are ordered according to their order within the alphabet. In the case of the display face 31 of the intermediate disc 23 the letters are grouped such that the vowels are grouped according to their position within the alphabet while the 25 consonants are ordered according to their order within the alphabet. In the case of the display face 33 of the smallest disc 25 the letters are ordered on the display face in the same manner as the letters are ordered on the display face of the intermediate disc 23.

As a result of the mounting of the discs within the support 11, the interaction of 30 each of the display faces with the display zone, the letters on each of the display

- 5 -

faces can be sequentially indexed past the display zone such that they can be viewed at the display zone to provide a full range of combinations of three letters of the alphabet.

In use and as shown at Figure 2 the outer display face 29 of the larger disc 21 is

5 utilised to attempt to identify the first letter of the name being sought. As a result the letters of the outermost display face 29 are indexed past the display zone. As each letter (eg A) is located at the display zone the user can then think of names beginning with this letter (eg Andrew, Alfred etc). If these names do not appear to be appropriate the user will then move to the next letter (B) and think

10 of names beginning with that letter (eg Barry, Brian etc). By rotating the display face 29 past the display zone and thinking of names that begin with each letter being viewed at the display zone the user may then be able to identify the name being sought or at least the first letter of that name. When the user has identified a letter (eg P) which appears to be relevant to the name being sought the user

15 will then apply pressure using the thumb and index finger to the upper and lower panels 13 and 15 at the location 16a bearing the numeral "1" which overlies the display face 29 of the larger disc 21 and lock that disc in position and will then rotate the intermediate disc and move letters past the letter displayed on the outer display zone 29 (P). Since it is most usual that the second letter of a name

20 will be a vowel the vowels can be moved past the letter P first. In the event that the user obtains a combination of letters on the outer and intermediate display faces 29 and 31 which appear to be relevant, the user would then lock the intermediate disc by applying pressure between the upper and lower faces 13 and 15 of the support using the index finger and thumb as shown at Figure 3 to

25 the location 16b bearing the numeral "2". In order to identify the third letter of the name the smaller disc 25 is caused to rotate to move the display face past the display zone. Again since it is most likely that the third letter of a name will be a vowel, the vowels can be selectively moved past the display zone first.

It has been found as a result of personal trials by the inventor that usually only

30 three letters or less need to be identified before it is possible is able to recall the name being sought.

- 6 -

It should be appreciated that the scope of the present invention need not be limited to the particular scope of the embodiments described above. In particular the invention need not be limited to the particular spatial relationship between the discs as illustrated in the embodiment and the discs need not be concentrically supported.

According to a further embodiment the display faces of each of the discs may be provided on the radial face of the discs and the display zone located such that the radial faces move past the display zone.

According to a further preferred feature of the invention the display elements may be of an elongate configuration supported to be parallel to each other and slidable with respect to each other where the display faces comprise the adjacent portions of each of the elements.

Throughout the specification, unless the context requires otherwise, the word "comprise" or variations such as "comprises" or "comprising", will be understood to imply the inclusion of a stated Integer or group of integers but not the exclusion of any other integer or group of integers.

It should be appreciated that the scope of the invention need not be limited to the particular scope of the embodiment or the applications referred to.

Dated this Ninth day of September 2002.

Peter Dyer  
Applicant

Wray & Associates  
Perth, Western Australia  
Patent Attorneys for the Applicant(s)

1 / 3

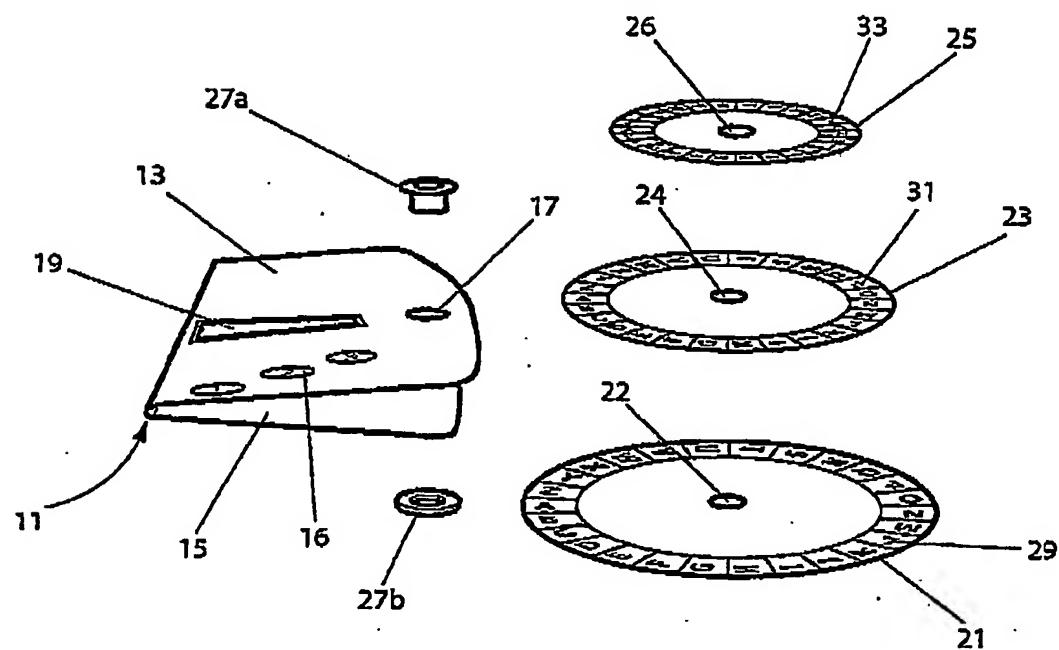


Fig 1

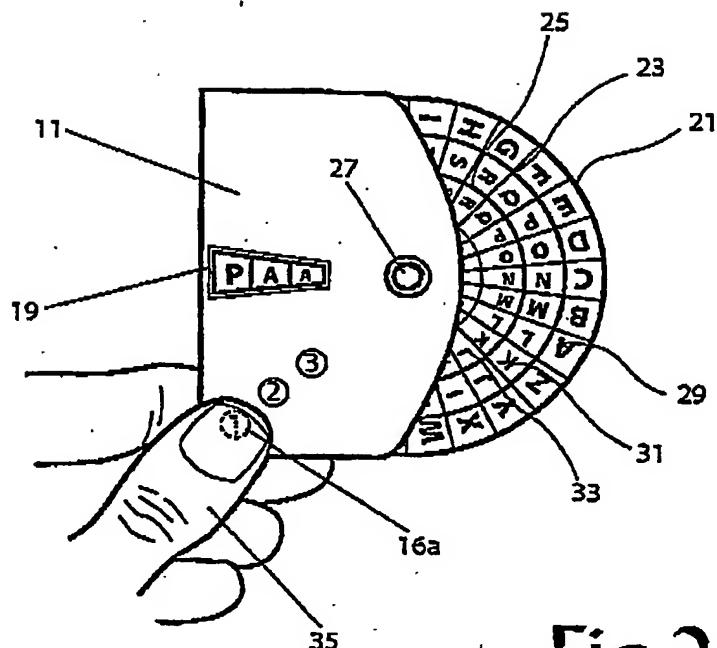


Fig 2

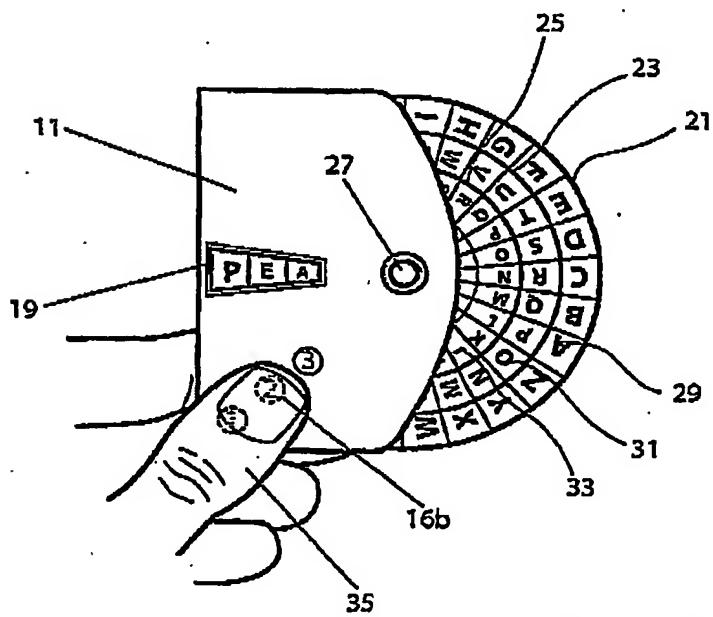


Fig 3

3 / 3

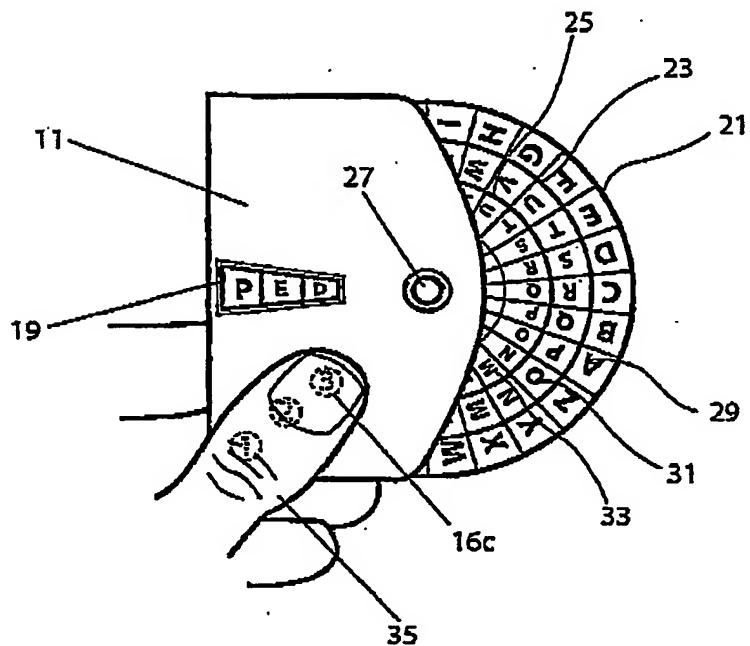


Fig 4

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**